

CLAIMS

1. A system for illustrating sound and text comprising:

a book having pages including indicia, at least some of said pages including a magnetic signature;

a book holder adapted to accept said book, said book holder having a reading surface with a magnetic signature sensor, cartridge slot, a reading controller, a speaker, and a power supply; and

a cartridge adapted to be inserted in said cartridge slot, said cartridge including stored audio representations related to said indicia of said pages;

wherein said magnetic signature sensory is predisposed to detect and make direct contact with said magnetic signature on said pages as they are turned by a user viewing said book, and wherein said reading controller is adapted to interact with said magnetic signature sensory to determine a given page that said user is viewing responsive to said direct contact between said magnetic signature sensor and said magnetic signature on said given page, and to retrieve audio representations of said indicia stored on said cartridge corresponding to said page or pages being viewed by said user and to reproduce audible sounds relating to said retrieved audio representations of said indicia through said speaker for listening by said user.

2. The system according to claim 1 wherein said magnetic signatures are attached to at least some of said pages in a specified location in order to be detected by said magnetic signature sensor.

3. The system according to claim 1 wherein said magnetic signature sensory further comprises one or more individualized reading elements, said reading elements pre-aligned on said reading surface in order to correspond with said magnetic signatures at their specified

locations.

4. The system according to claim 1 wherein said reading surface is a substantially flat platform.

5. The system according to claim 1 wherein said power supply is communicably coupled to said reading controller and said speaker, said power supply further adapted to control activation and de-activation of said book holder.

6. A method for illustrating sound and text utilizing a book holder including a reading controller, a speaker, and a magnetic signature sensor with one or more reading elements, said book holder adapted to accept a book with pages including illustrations and/or text, at least some of said pages including magnetic signatures, the method comprising:

attaching said magnetic signatures in a specified location on said pages;

creating contact with the specified location of a given magnetic signature on a given page of said pages by utilizing said reading elements of said magnetic signature sensor;

correlating said specified location of said given magnetic signature on said given page with stored audio representations related to said illustrations and/or text of said given page; and

delivering audible sounds corresponding to said stored audio representations via said speaker to accompany the illustrations and/or text on said given page.

7. The method according to claim 6 wherein said attaching step is followed by placing said book on said book holder in a position wherein said magnetic signatures on said pages of said book are properly aligned with said reading elements of said magnetic signature sensor.

8. The method according to claim 7 wherein said placing step is followed by turning said pages of said

book in order to view the illustrations and/or text therein.

9. The method according to claim 8 wherein said turning step further includes the step of identifying the illustrations and/or text on said pages utilizing said magnetic signatures attached in specified locations on said pages detected by said reading elements of said magnetic signature sensor.

10. The method according to claim 9 wherein said delivering step is preceded by retrieving the stored audio representations of said illustrations and/or text retrieved corresponding to said page or pages being viewed by said user.

11. The method according to claim 10 wherein said retrieving step is followed by reproducing the stored audio representations of said illustrations and/or text retrieved corresponding to said page or pages being viewed by said user.

12. The method according to claim 6 further comprising downloading a duplicate of electronic equivalent representations stored in a first electronic memory space into a second electronic memory space housed within said book holder.

13. An electronic book reader system for illustrating sound and text comprising:

- a reading surface adapted to accept a book with pages, said pages including illustrations and/or text, at least some of said pages including magnetic signatures attached at specific locations;

- a book support surface adjoined to one side of said reading surface, said book support surface adapted to support said page or pages viewed by a user;

- a magnetic signature sensor including one or more individualized reading elements, said magnetic signature sensor predisposed to detect and make direct

contact with said magnetic signatures on said pages as they are turned by said user in viewing said book;

a bracket coupled to said reading surface adapted to hold said book in place while said page or pages are turned;

a reading controller adapted to interact with said magnetic signature sensor in order to determine the given page or pages said user is viewing responsive to said direct contact between said magnetic signatures on the given page or pages and said magnetic signature sensor; and

a power supply communicably coupled with said reading controller adapted to active and de-activate the functionality of said electronic book reader;

a cartridge slot within said electronic book reader adapted to receive a cartridge including stored audio representations related to said illustrations and/or text of said pages; and

a speaker communicably coupled with said reading controller adapted to deliver said audio representations for listening and reading along with said page or pages viewed by said user;

wherein said reading controller is adapted to retrieve and reproduce said audio representations of said illustrations and/or text stored on said cartridge corresponding to said page or pages being viewed by said user.

14. The system according to claim 13 wherein said reading elements are pre-aligned on said reading surface in order to correspond with said magnetic signatures at their specified locations.

15. The system according to claim 13 wherein said reading surface and said book support surface are substantially flat platforms.

16. The system according to claim 15 wherein said

reading surface and said book support surface are adjoined by a means adapted to fold in a manner allowing for both surfaces to meet for easy carrying of said electronic book reader system.

17. The system according to claim 13 wherein said reader further comprises a volume control adapted to control the volume of delivery of said audio representations for enjoyable listening by said user.

18. The system according to claim 13 wherein said power supply is coupled with a Light Emitting Diode (LED) indicator for determining a state of said electronic book reader system.

19. A cartridge device for storing text and audio content converted into electronic equivalent representations of said text and audio content for use in an electronic book reader system, the device comprising:

a carrier means for housing said electronic equivalent representations;

a chip adapted to store said electronic equivalent representations; and

a plurality of pins adapted to communicate with said electronic book reader system.

20. The device according to claim 19 wherein said carrier means includes a box with a top surface, a bottom surface, a first side, a second side, a front side and a back side.

21. The device according to claim 20 wherein said front side includes said plurality of pins adapted for inserting into said electronic book reader system.

22. The device according to claim 19 wherein said chip further comprises a first electronic memory space configured to store said electronic equivalent representations.

23. The device according to claim 22 wherein said first electronic memory space further includes a memory

array comprising a plurality of addresses for sorting said electronic equivalent representations.

24. The device according to claim 23 wherein said first electronic memory space is configured to communicate with a second electronic memory space housed within said electronic book reader system.